

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 5261.01	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 00/01625	International filing date (day/month/year) 27/01/2000	(Earliest) Priority Date (day/month/year) 27/01/1999
Applicant  DISCOVERY COMMUNICATIONS, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.  
 It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :
  - contained in the international application in written form.
  - filed together with the international application in computer readable form.
  - furnished subsequently to this Authority in written form.
  - furnished subsequently to this Authority in computer readable form.
  - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
  - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

- 2.  Certain claims were found unsearchable (See Box I).
- 3.  Unity of invention is lacking (see Box II).

## 4. With regard to the title,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

ELECTRONIC BOOK WITH EMBEDDED LINKS TO INTERNAL AND EXTERNAL RESOURCES

## 5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. The figure of the drawings to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

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None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication where appropriate, of the relevant passages	Relevant to claim No
X	YANKELOVICH N ET AL: "READING AND WRITING THE ELECTRONIC BOOK" COMPUTER, US, IEEE COMPUTER SOCIETY, LONG BEACH, CA, US, vol. 18, no. 10, 1 October 1985 (1985-10-01), pages 15-30, XP000747867 ISSN: 0018-9162	1, 2, 7, 8, 26, 27, 30-32, 51, 52, 56-58, 60, 61, 64, 73, 74, 78, 79
Y		75-77
A	page 18, right-hand column, line 34 -page 19, right-hand column, line 2 page 21, middle column, line 1 - line 33 page 23, left-hand column, line 44 -right-hand column, line 3 page 27, left-hand column, line 18 -middle column, line 10 ---	19, 20
		-/-

 Further documents are listed in the continuation of box C Patent family members are listed in annex.

## Special categories of cited documents

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art,
- "S" document member of the same patent family

Date of the actual completion of the international search

7 July 2000

Date of mailing of the international search report

24/07/2000

## Name and mailing address of the ISA

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## Authorized officer

Polzer, A

## INTERNATIONAL SEARCH REPORT

International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BOYLE C ET AL: "A SURVEY AND CLASSIFICATION OF HYPERTEXT DOCUMENTATION SYSTEMS" IEEE TRANSACTIONS ON PROFESSIONAL COMMUNICATION, US, IEEE INC. NEW YORK, vol. 35, no. 2, 1 June 1992 (1992-06-01), pages 98-111, XP000292163 ISSN: 0361-1434 page 98, right-hand column, line 7 -page 99, left-hand column, line 11 page 100, left-hand column, line 8 -page 102, left-hand column, line 6 ---	1-4, 7, 10, 30-34, 56, 68, 79
X	RAUCH T ET AL: "Enabling the book metaphor for the World-Wide-Web: disseminating on-line information as dynamic Web documents" IEEE TRANSACTIONS ON PROFESSIONAL COMMUNICATIONS, JUNE 1997, IEEE, USA, vol. 40, no. 2, pages 111-128, XP002142136 ISSN: 0361-1434 page 116, right-hand column, line 1 -page 117, middle column, line 5; figure 2; table II page 118, right-hand column, line 11 -page 119, right-hand column, line 3; figures 3-5 ---	1, 7-13, 26, 27, 30-32, 39-42, 51, 52, 56, 60-62
X	PASQUIER-BOLTUCK J ET AL: "PROTOTYPING AN INTERACTIVE ELECTRONIC BOOK SYSTEM USING AN OBJECT-ORIENTED APPROACH" ECOOP. EUROPEAN CONFERENCE ON OBJECT-ORIENTED PROGRAMMING, 15 August 1988 (1988-08-15), pages 177-190, XP000747427 abstract page 179, line 9 -page 182, line 33; figures 1A, 1B ---	1, 15, 18, 30-32, 56, 74
X	EP 0 810 534 A (OKI ELECTRIC IND CO LTD) 3 December 1997 (1997-12-03)	1, 5-8, 30-32, 35, 37, 39, 40, 43, 44, 56, 58-61, 64 36
Y	abstract column 2, line 7 - line 45 column 6, line 3 -column 7, line 4; figure 1 column 10, line 39 -column 12, line 37; figures 12-18 ---	-/-

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	GOORFIN L: "ELECTRONIC DICTIONARY PRONOUNCES OVER 83,000 WORDS" SPEECH TECHNOLOGY, MAN-MACHINE VOICE COMMUNICATIONS, US, MEDIA DIMENSIONS INC. NEW YORK, vol. 4, no. 4, 1 April 1989 (1989-04-01), pages 78-79, XP000033505 ISSN: 0744-1355 the whole document ---	36
Y	CZEJDO B: "USING AN ER QUERY AND UPDATE INTERFACE FOR RAPID PROTOTYPING OF HYPERTEXT SYSTEMS" PROCEEDINGS OF THE ANNUAL HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES, 1 January 1990 (1990-01-01), XP000496396 abstract page 231, right-hand column, line 5 -page 233, left-hand column, line 27; figures 6, 7 ---	75
Y	BIEBER M ET AL: "Fourth generation hypermedia: some missing links for the World Wide Web" INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES, US, ACADEMIC PRESS, NEW YORK, NY, vol. 47, no. 1, July 1997 (1997-07), pages 31-65, XP002101194 ISSN: 1071-5819 page 46, line 1 -page 49, line 33 -----	76, 77

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/01625

Patent document cited in search report	Publication date	Patent-family member(s)		Publication date
EP 0810534	A 03-12-1997	JP	9305579 A	28-11-1997
		JP	9305623 A	28-11-1997
		JP	9305475 A	28-11-1997
		JP	9305581 A	28-11-1997
		CA	2204447 A	13-11-1997